

# AT5402

## Access Control Tag

The AT5402 Access Control Tag is a half frame, beam-powered radio frequency (RF) tag used in automatic vehicle identifications with TransCore's Amtech® brand and TransCore® Encompass® multiprotocol reader systems. This tag is designed for interior mounting on a nonmetallized windshield.

The AT5402 Access Control Tag is factory-programmed, as specified by the customer, and stores up to 10 six-bit alphanumeric characters of customer data (60 bits ATA tag memory).

The AT5402 Access Control Tag, in conjunction with TransCore Encompass readers, enables advanced security techniques that ensure a tag's authenticity while preventing data corruption and/or alteration. In addition, tag cloning, spoofing, copying, or duplicating is prevented.

The AT5402 Access Control Tag supports factory programming of fixed data fields that are locked at the factory and cannot be reprogrammed. Agency-programmed fixed data fields optionally can be locked by the agency after programming using password-protected programming equipment.



### Features

- ▶ Supports Super eGo® (SeGo), eGo, and ATA protocols
- ▶ Non-battery for extended service life
- ▶ 2048-bit read/write memory
- ▶ Read/write capability in SeGo mode
- ▶ Compatible with multiple Amtech brand readers and TransCore Encompass multiprotocol readers
- ▶ Data encryption and authentication
- ▶ Impact resistant, molded plastic case
- ▶ Slim profile
- ▶ Wiegand programming available
- ▶ Interior mounting on non-metallized windshield

# AT5402 Access Control Tag

## COMMUNICATIONS

### Frequency Range

902 to 928 MHz

### Typical Working Range

5 to 30 ft. (1.5 to 9.1 m)

Range depends upon system parameters

### Polarization

Linear, horizontal

## SOFTWARE FEATURES

### Data Memory

**SeGo and eGo Modes:** 2,048 bits

**ATA Mode:** 60 bits, or Wiegand 26- to 54-bit format of customer data

User memory programmable using RF link

## POWER REQUIREMENTS

### Power Source

Beam powered

## LIFE EXPECTANCY

### Service Life

>10 years

## PHYSICAL

### Dimensions

3.6 x 2.3 x .27 in. (9.2 x 5.9 x .69 cm)

### Weight

1.4 oz (40 g)

### Case Material

Dustproof, polycarbonate alloy

### Mounting Location

**Interior:** Non-metallic windshield

### Mounting Method

**Semi-permanent Mounting:** Double-sided tape

**Removable Mounting:** Adhesive-backed hook-and-loop material attached to the tag and to the vehicle windshield

## ENVIRONMENTAL

### Operating Air Temperature

-40°F to +185°F (-40°C to +85°C)

## COMPATIBILITY

**Super eGo Mode:** SeGo

**eGo Mode:** ANSI NCITS 256-2001 Part 4.2 and ISO 18000-6B standards

**ATA Mode:** American Trucking Associations standard

## OPTIONS

### Double-Sided Tape

For semi-permanent interior installation, the user can specify factory-applied double-sided tape.

### Hook and Loop

For interior installation, the user can specify factory-applied hook-and-loop material.

### Tag Case Color

Standard color is beige. Consult the price list for other color options.

## For more information:

### Sales Support

800.923.4824

### Technical Support

505.856.8007

[transcore.com](http://transcore.com)